

Prime Farmland

LAFAYETTE, LITTLE RIVER, AND MILLER COUNTIES, ARKANSAS

11/17/1998

Only the soils considered prime farmland are listed. Urban or built-up areas of the soils listed are not considered prime farmland. If a soil is prime farmland only under certain conditions, the conditions are specified in parentheses after the soil name.

Map Symbol	Soil Name
1	Acadia silt loam, 0 to 2 percent slopes (Prime farmland if drained)
2	Adaton silt loam, 0 to 1 percent slopes (Prime farmland if drained)
3	Amy silt loam, 0 to 1 percent slopes (Prime farmland if drained)
5	Billyhaw clay, 0 to 1 percent slopes
6	Billyhaw clay, gently undulating
7	Billyhaw clay, 0 to 1 percent slopes, occasionally flooded
9	Bowie fine sandy loam, 1 to 3 percent slopes
14	Caspiana silt loam, 0 to 1 percent slopes
15	Catalpa silty clay, 0 to 1 percent slopes
17	Eylau fine sandy loam, 1 to 3 percent slopes
21	Felker silt loam, 0 to 1 percent slopes
24	Forbing silt loam, 1 to 3 percent slopes
30	Harleston fine sandy loam, 1 to 3 percent slopes
31	Houston clay, 1 to 3 percent slopes
33	Kamie fine sandy loam, 1 to 3 percent slopes
34	Kamie fine sandy loam, 3 to 8 percent slopes
37	Kipling silt loam, 2 to 5 percent slopes
38	Latanier clay, gently undulating
40	Louin silty clay loam, 0 to 1 percent slopes (Prime farmland if drained)
43	Midland silty clay loam, 0 to 1 percent slopes
45	Muskogee silt loam, 1 to 3 percent slopes
47	Oklared fine sandy loam, gently undulating
48	Oklared fine sandy loam, occasionally flooded
51	Ouachita silt loam, occasionally flooded
52	Ouachita and ochlockonee soils, occasionally flooded
53	Perry clay, 0 to 1 percent slopes
55	Rilla silt loam, 0 to 1 percent slopes
56	Rilla silt loam, gently undulating
57	Ruston fine sandy loam, 2 to 5 percent slopes
58	Sacul fine sandy loam, 1 to 3 percent slopes
67	Sardis silt loam, occasionally flooded
69	Sawyer silt loam, 1 to 3 percent slopes
71	Severn silt loam, 0 to 1 percent slopes
72	Severn silt loam, gently undulating
73	Severn silt loam, occasionally flooded
75	Smithton fine sandy loam, 0 to 2 percent slopes (Prime farmland if drained)
77	Trinity clay, occasionally flooded
79	Woden fine sandy loam, 0 to 1 percent slopes
80	Woden fine sandy loam, 1 to 3 percent slopes
81	Woden fine sandy loam, 3 to 8 percent slopes
82	Wrightsville silt loam, 0 to 1 percent slopes (Prime farmland if drained)

Hydric Soils List

LAFAYETTE, LITTLE RIVER AND MILLER COUNTIES, ARKANSAS

Hydric Soils List
LAFAYETTE, LITTLE RIVER AND MILLER COUNTIES, ARKANSAS
Detailed Soil Map

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
1: ACADIA SILT LOAM, 0 TO 2 PERCENT SLOPES	ACADIA	No	---	---	---	---	---	31,878
	WRIGHTSVILLE	Yes	stream terrace	2B3	YES	NO	NO	3,750
	MISC WET AREAS	Yes	depression	3,2B3,4	YES	YES	YES	1,875
2: ADATON SILT LOAM, 0 TO 1 PERCENT SLOPES	ADATON	Yes	stream terrace	2B3	YES	NO	NO	16,878
	ACADIA	No	---	---	---	---	---	993
	GUYTON	Yes	flood plain	4,2B3	YES	YES	NO	993
	MISC WET AREAS	Yes	depression	2B3,4,3	YES	YES	YES	993
3: AMY SILT LOAM, 0 TO 1 PERCENT SLOPES	AMY	Yes	stream terrace	2B3	YES	NO	NO	753
	FELKER	No	---	---	---	---	---	44
	MISC WET AREAS	Yes	depression	3,2B3,4	YES	YES	YES	44
	SMITHTON	Yes	stream terrace	2B3	YES	NO	NO	44
4: AMY SILT LOAM, FREQUENTLY FLOODED	AMY	Yes	flood plain	4,2B3	YES	YES	NO	18,657
	OUACHITA	No	---	---	---	---	---	2,195
	MISC WET AREAS	Yes	depression	4,3,2B3	YES	YES	YES	1,097
5: BILLYHAW CLAY, 0 TO 1 PERCENT SLOPES	BILLYHAW	No	---	---	---	---	---	81,129
	PERRY	Yes	backswamp	4,2B3	YES	YES	NO	9,545
	MISC WET AREAS	Yes	depression	3,2B3,4	YES	YES	YES	4,772
6: BILLYHAW CLAY, GENTLY UNDULATING	BILLYHAW	No	---	---	---	---	---	2,728
	PERRY	Yes	backswamp	2B3,4	YES	YES	NO	321
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	160
7: BILLYHAW CLAY, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED	BILLYHAW	No	---	---	---	---	---	1,143
	PERRY	Yes	backswamp	2B3,4	YES	YES	NO	134
	MISC WET AREAS	Yes	depression	3,2B3,4	YES	YES	YES	67
8: BILLYHAW CLAY, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED	BILLYHAW	No	---	---	---	---	---	3,252
	GLADEWATER	Yes	backswamp	2B3,4	YES	YES	NO	191
	MISC WET AREAS	Yes	depression	2B3,4,3	YES	YES	YES	191
	PERRY	Yes	backswamp	4,2B3	YES	YES	NO	191
9: BOWIE FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	BOWIE	No	---	---	---	---	---	24,582
	MISC WET AREA	Yes	depression	3,4,2B3	YES	YES	YES	1,294
10: BOWIE FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	BOWIE	No	---	---	---	---	---	24,973
11: BRILEY LOAMY FINE SAND, 1 TO 3 PERCENT SLOPES	BRILEY	No	---	---	---	---	---	664
12: BRILEY LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES	BRILEY	No	---	---	---	---	---	2,679

13: BRILEY LOAMY FINE SAND, 8 TO 12 PERCENT SLOPES	BRILEY	No	---	---	---	---	---	2,430
14: CASPIANA SILT LOAM, 0 TO 1 PERCENT SLOPES	CASPIANA	No	---	---	---	---	---	12,728
	MISC WET AREAS	Yes	depression	2B3,4,3	YES	YES	YES	707
	PERRY	Yes	backswamp	4,2B3	YES	YES	NO	707
15: CATALPA SILTY CLAY, 0 TO 1 PERCENT SLOPES	CATALPA	No	---	---	---	---	---	846
	MISC WET AREA	Yes	depression	2B3,3,4	YES	YES	YES	94
16: DEMOPOLIS SILTY CLAY LOAM, 3 TO 20 PERCENT SLOPES, ERODED	DEMOPOLIS	No	---	---	---	---	---	1,437
17: EYLAU FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	EYLAU	No	---	---	---	---	---	11,194
	AMY	Yes	stream terrace	2B3	YES	NO	NO	622
	MISC WET AREAS	Yes	depression	4,3,2B3	YES	YES	YES	622
18: EYLAU FINE SANDY LOAM, 3 TO 5 PERCENT SLOPES	EYLAU	No	---	---	---	---	---	16,257
	AMY	Yes	stream terrace	2B3	YES	NO	NO	903
	MISC WET AREAS	Yes	depression	4,2B3,3	YES	YES	YES	903
19: EYLAU-URBAN LAND COMPLEX, 1 TO 3 PERCENT SLOPES	EYLAU	No	---	---	---	---	---	406
	URBAN LAND	Unranked	---	---	---	---	---	406
	MISC WET AREAS	Yes	depression	4,2B3,3	YES	YES	YES	51
20: EYLAU-URBAN LAND COMPLEX, 3 TO 5 PERCENT SLOPES	EYLAU	No	---	---	---	---	---	511
	URBAN LAND	Unranked	---	---	---	---	---	511
	MISC WET AREAS	Yes	depression	3,4,2B3	YES	YES	YES	64
21: FELKER SILT LOAM, 0 TO 1 PERCENT SLOPES	FELKER	No	---	---	---	---	---	27,431
	ADATON	Yes	stream terrace	2B3	YES	NO	NO	1,714
	AMY	Yes	stream terrace	2B3	YES	NO	NO	1,714
	GUYTON	Yes	flood plain	2B3,4	YES	YES	NO	1,714
	MISC WET AREAS	Yes	depression	4,2B3,3	YES	YES	YES	1,714
22: FLUVAQUENTS, FREQUENTLY FLOODED	FLUVAQUENTS	Yes	flood plain	2B3,4	YES	YES	NO	2,103
	MISC WET AREAS	Yes	depression	4,3,2B3	YES	YES	YES	111
23: FOLEY SILT LOAM, 0 TO 2 PERCENT SLOPES	FOLEY	Yes	stream terrace	2B3	YES	NO	NO	5,272
	GUYTON	Yes	flood plain	2B3,4	YES	YES	NO	310
	KAMIE	No	---	---	---	---	---	310
	MISC WET AREAS	Yes	depression	4,2B3,3	YES	YES	YES	310
24: FORBING SILT LOAM, 1 TO 3 PERCENT SLOPES	FORBING	No	---	---	---	---	---	4,284
	MISC WET AREAS	Yes	depression	4,3,2B3	YES	YES	YES	225
25: FORBING SILT LOAM, 3 TO 8 PERCENT SLOPES	FORBING	No	---	---	---	---	---	4,003
26: GLADEWATER CLAY, FREQUENTLY FLOODED	GLADEWATER	Yes	backswamp	2B3,4	YES	YES	NO	9,911
	BILLYHAW	No	---	---	---	---	---	551

	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	551
27: GORE SILT LOAM, 1 TO 3 PERCENT SLOPES	GORE	No	---	---	---	---	---	16,971
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	893
28: GORE SILT LOAM, 3 TO 8 PERCENT SLOPES	GORE	No	---	---	---	---	---	9,932
29: GUYTON SILT LOAM, FREQUENTLY FLOODED	GUYTON	Yes	flood plain	2B3,4	YES	YES	NO	52,564
	MISC WET AREAS	Yes	depression	3,2B3,4	YES	YES	YES	2,920
	SARDIS	No	---	---	---	---	---	2,920
30: HARLESTON FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	HARLESTON	No	---	---	---	---	---	27,639
	SMITHTON	Yes	stream terrace	2B3	YES	NO	NO	3,252
	MISC WET AREAS	Yes	depression	4,2B3,3	YES	YES	YES	1,626
31: HOUSTON CLAY, 1 TO 3 PERCENT SLOPES	HOUSTON	No	---	---	---	---	---	454
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	24
32: HOUSTON CLAY, 3 TO 8 PERCENT SLOPES	HOUSTON	No	---	---	---	---	---	359
33: KAMIE FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	KAMIE	No	---	---	---	---	---	10,270
34: KAMIE FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	KAMIE	No	---	---	---	---	---	11,454
35: KAMIE FINE SANDY LOAM, 8 TO 20 PERCENT SLOPES	KAMIE	No	---	---	---	---	---	1,287
36: KIOMATIA LOAMY FINE SAND, FREQUENTLY FLOODED	KIOMATIA	No	---	---	---	---	---	9,333
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	491
37: KIPLING SILT LOAM, 2 TO 5 PERCENT SLOPES	KIPLING	No	---	---	---	---	---	6,717
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	354
38: LATANIER CLAY, GENTLY UNDULATING	LATANIER	No	---	---	---	---	---	12,681
	MISC WET AREAS	Yes	depression	3,2B3,4	YES	YES	YES	1,409
39: LATONIA LOAMY FINE SAND, 2 TO 5 PERCENT SLOPES	LATONIA	No	---	---	---	---	---	1,425
40: LOUIN SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	LOUIN	No	---	---	---	---	---	21,936
	WRIGHTSVILLE	Yes	stream terrace	2B3	YES	NO	NO	2,581
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	1,290
41: MCKAMIE SILT LOAM, 2 TO 5 PERCENT SLOPES	MCKAMIE	No	---	---	---	---	---	18,588
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	978
42: MCKAMIE SILT LOAM, 5 TO 20 PERCENT SLOPES	MCKAMIE	No	---	---	---	---	---	4,936
43: MIDLAND SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	MIDLAND	Yes	stream terrace	2B3	YES	NO	NO	4,973
	FOLEY	Yes	stream	2B3	YES	NO	NO	293

			terrace					
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	293
	PERRY	Yes	backswamp	2B3	YES	NO	NO	293
44: MORSE CLAY, 3 TO 8 PERCENT SLOPES, ERODED	MORSE	No	---	---	---	---	---	2,900
45: MUSKOGEE SILT LOAM, 1 TO 3 PERCENT SLOPES	MUSKOGEE	No	---	---	---	---	---	20,962
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	1,165
	WRIGHTSVILLE	Yes	stream terrace	2B3	YES	NO	NO	1,165
46: MUSKOGEE SILT LOAM, 3 TO 8 PERCENT SLOPES	MUSKOGEE	No	---	---	---	---	---	4,514
	MISC WET AREAS	Yes	depression	4,3,2B3	YES	YES	YES	251
	WRIGHTSVILLE	Yes	stream terrace	2B3	YES	NO	NO	251
47: OKLARED FINE SANDY LOAM, GENTLY UNDULATING	OKLARED	No	---	---	---	---	---	5,817
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	646
48: OKLARED FINE SANDY LOAM, OCCASIONALLY FLOODED	OKLARED	No	---	---	---	---	---	3,442
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	382
49: OKTIBBEHA SILT LOAM, 3 TO 8 PERCENT SLOPES	OKTIBBEHA	No	---	---	---	---	---	3,363
50: OKTIBBEHA SILT LOAM, 8 TO 12 PERCENT SLOPES	OKTIBBEHA	No	---	---	---	---	---	532
51: OUACHITA SILT LOAM, OCCASIONALLY FLOODED	OUACHITA	No	---	---	---	---	---	1,308
	GUYTON	Yes	flood plain	2B3,4	YES	YES	NO	154
	MISC WET AREAS	Yes	depression	3,4,2B3	YES	YES	YES	77
52: OUACHITA AND OCHLOCKONEE SOILS, OCCASIONALLY FLOODED	OCHLOCKONEE	No	---	---	---	---	---	1,074
	OUACHITA	No	---	---	---	---	---	1,074
	GUYTON	Yes	flood plain	2B3,4	YES	YES	NO	268
	MISC WET AREAS	Yes	depression	3,2B3,4	YES	YES	YES	268
53: PERRY CLAY, 0 TO 1 PERCENT SLOPES	PERRY	Yes	backswamp	2B3	YES	NO	NO	64,262
	BILLYHAW	No	---	---	---	---	---	3,570
	MISC WET AREAS	Yes	depression	4,3,2B3	YES	YES	YES	3,570
54: PERRY CLAY, FREQUENTLY FLOODED	PERRY	Yes	backswamp	2B3,4	YES	YES	NO	5,329
	BILLYHAW	No	---	---	---	---	---	296
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	296
55: RILLA SILT LOAM, 0 TO 1 PERCENT SLOPES	RILLA	No	---	---	---	---	---	17,441
	MISC WET AREAS	Yes	depression	2B3,4,3	YES	YES	YES	969
	PERRY	Yes	backswamp	4,2B3	YES	YES	NO	969
56: RILLA SILT LOAM, GENTLY UNDULATING	RILLA	No	---	---	---	---	---	3,931
	MISC WET AREAS	Yes	depression	3,2B3,4	YES	YES	YES	207
57: RUSTON FINE SANDY LOAM, 2 TO 5	RUSTON	No	---	---	---	---	---	13,861

PERCENT SLOPES								
	MISC WET AREAS	Yes	depression	2B3,4,3	YES	YES	YES	730
58: SACUL FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	SACUL	No	---	---	---	---	---	6,781
	MISC WET AREAS	Yes	depression	3,2B3,4	YES	YES	YES	357
59: SACUL FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	SACUL	No	---	---	---	---	---	43,577
60: SACUL FINE SANDY LOAM, 8 TO 12 PERCENT SLOPES	SACUL	No	---	---	---	---	---	24,318
61: SACUL FINE SANDY LOAM, 12 TO 20 PERCENT SLOPES	SACUL	No	---	---	---	---	---	12,908
62: SACUL FINE SANDY LOAM, 20 TO 40 PERCENT SLOPES	SACUL	No	---	---	---	---	---	3,809
63: SACUL-URBAN LAND COMPLEX, 3 TO 8 PERCENT SLOPES	SACUL	No	---	---	---	---	---	932
	URBAN LAND	Unranked	---	---	---	---	---	932
64: SAFFELL GRAVELLY FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	SAFFELL	No	---	---	---	---	---	2,852
65: SAFFELL GRAVELLY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	SAFFELL	No	---	---	---	---	---	4,624
66: SAFFELL GRAVELLY FINE SANDY LOAM, 8 TO 12 PERCENT SLOPES	SAFFELL	No	---	---	---	---	---	989
67: SARDIS SILT LOAM, OCCASIONALLY FLOODED	SARDIS	No	---	---	---	---	---	1,877
	GUYTON	Yes	flood plain	2B3,4	YES	YES	NO	221
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	110
68: SARDIS SILT LOAM, FREQUENTLY FLOODED	SARDIS	No	---	---	---	---	---	5,617
	GUYTON	Yes	flood plain	2B3,4	YES	YES	NO	661
	MISC WET AREAS	Yes	depression	4,3,2B3	YES	YES	YES	330
69: SAWYER SILT LOAM, 1 TO 3 PERCENT SLOPES	SAWYER	No	---	---	---	---	---	10,212
	MISC WET AREAS	Yes	depression	2B3,3,4	YES	YES	YES	538
70: SAWYER SILT LOAM, 3 TO 8 PERCENT SLOPES	SAWYER	No	---	---	---	---	---	5,068
71: SEVERN SILT LOAM, 0 TO 1 PERCENT SLOPES	SEVERN	No	---	---	---	---	---	10,555
	MISC WET AREAS	Yes	depression	3,2B3,4	YES	YES	YES	1,173
72: SEVERN SILT LOAM, GENTLY UNDULATING	SEVERN	No	---	---	---	---	---	39,550
	MISC WET AREAS	Yes	depression	4,2B3,3	YES	YES	YES	4,394
73: SEVERN SILT LOAM, OCCASIONALLY FLOODED	SEVERN	No	---	---	---	---	---	4,659
	MISC WET AREAS	Yes	depression	2B3,4,3	YES	YES	YES	518
74: SMITHDALE FINE SANDY LOAM, 5 TO 8 PERCENT SLOPES	SMITHDALE	No	---	---	---	---	---	28,835

75: SMITHTON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	SMITHTON	Yes	stream terrace	2B3	YES	NO	NO	8,118
	HARLESTON	No	---	---	---	---	---	451
	MISC WET AREAS	Yes	depression	3,2B3,4	YES	YES	YES	451
76: SUMTER SILTY CLAY LOAM, 5 TO 12 PERCENT SLOPES, ERODED	SUMTER	No	---	---	---	---	---	4,163
77: TRINITY CLAY, OCCASIONALLY FLOODED	TRINITY	No	---	---	---	---	---	837
	MISC WET AREAS	Yes	depression	4,3,2B3	YES	YES	YES	93
78: UDORTHENTS	UDORTHENTS	No	---	---	---	---	---	4,484
79: WODEN FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES	WODEN	No	---	---	---	---	---	2,399
	MISC WET AREAS	Yes	depression	2B3,4,3	YES	YES	YES	126
80: WODEN FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	WODEN	No	---	---	---	---	---	2,662
	MISC WET AREAS	Yes	depression	3,4,2B3	YES	YES	YES	140
81: WODEN FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	WODEN	No	---	---	---	---	---	1,189
82: WRIGHTSVILLE SILT LOAM, 0 TO 1 PERCENT SLOPES	WRIGHTSVILLE	Yes	stream terrace	2B3	YES	NO	NO	63,451
	ACADIA	No	---	---	---	---	---	3,525
	MISC WET AREAS	Yes	depression	2B3,4,3	YES	YES	YES	3,525
83: YORKTOWN SILTY CLAY LOAM, FREQUENTLY FLOODED	YORKTOWN	Yes	oxbow	3,2B3,4	YES	YES	YES	3,962
	PERRY	Yes	backswamp	4,2B3	YES	YES	NO	440
W: LARGE WATER	LARGE WATER	Unranked	---	---	---	---	---	51,293
w: SMALL WATER	SMALL WATER	Unranked	---	---	---	---	---	2,863